

ATTY. DOCKET NO. T9983.A

SERIAL NO. 10/797,629

LIST OF PRIOR ART CITED BY APPLICANT

APPLICANT Youngro Byun et al.

FILING DATE March 9, 2004

GROUP

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/C.S./	AA	4,239,754	Dec. 16, 1980	Sache et al.			
	AB	4,857,602	Aug. 15, 1989	Casey et al.			
	AC	5,536,508	Jul. 16, 1996	Canal et al.			
	AD	5,626,869	May 6, 1997	Nyqvist et al.			
	AE	5,700,486	Dec. 23, 1997	Canal et al.			
	AF	5,744,155	Apr. 28, 1998	Friedman et al.			
	AG	5,782,908	Jul. 1998	Cahalan et al.			
	AH	5,820,881	Oct. 13, 1998	Milstein			
	AI	5,837,313	Nov. 17, 1998	Ding et al.			
	AJ.	5,840,387	Nov. 24, 1998	Berlowitz-Tarrant et al.			
	AK	5,855,618	Jan. 5, 1999	Patnaik et al.			
	AL	5,993,846	Nov. 30, 1999	Friedman et al.			
	AM	5,993,972	Nov. 1999	Reich et al.			
	AN	6,153,252	Nov. 2000	Hossainy et al.			
	AO	6,190,591	Feb. 20, 2001	van Lengerich			
	AP	6,245,753	Jun. 12, 2001	Byun et al.			
	AQ	6,248,363	Jun. 19, 2001	Patel et al.			
	AR	6,251,428	Jun. 26, 2001	Y00			
	AS	6,258,121	Jul. 10, 2001	Yang et al.			
	AT	6,306,144	Oct. 23, 2001	Sydney et al.			
	ΑU	6,355,058	Mar. 12, 2002	Pacetti et al.			
	ΑV	6,361,819	Mar. 2002	Tedeschi et al.			
	AW	6,376,242	Apr. 2002	Hanson			
	AX	6,395,253	May 2002	Levy et al.			
-	AY	6,399,144	Jun. 2002	Dinh et al.			
▼	AZ	US 2002/0091433	Jul. 11, 2002	Ding et al.			

EXAMINER	DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9983.A SERIAL NO. 10/797,629		10/797,629				
LIST OF PRIOR ART CITED BY APPLICANT					Ι Τ	APPLICANT Youngro Byun et al.			
				·		FILING DATE March 9, 2004 GROUP			
	,			TODE				•	
	- T			FURE	IGN PA	TENT DOCUMENTS	I		
- 12.2			DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/C.S.	./	BA	WO 00/13719	16 Mar 00	PCT				Х
/C.S./		ВВ	WO 02/34312	2 May 02	PCT				X
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])									
<u>/C</u>	.S./	ВС	R. Altman	et al. Oral Anticoa	gulant Trea	tment with and without Aspi	rin, <i>Thrombosi</i>	s and Haemostasi	s, 74, 506-510 (1995).
		BD	D. Brayde Rate In Sit	D. Brayden et al. Heparin Absorption Across the Intestine: Effects of Sodium N-[8-(2-Hydroxybenzoyl)Amino]Caprylate in Rate In Situ Intestinal Instillations and in Caco-2 Monolayers, Pharmaceutical Research, 14, 1772-1779 (1997).					
		BE	F. Dianco	F. Diancourt et al. Chemical Modifications of Heparin. II. Hydrophobization of Partially N-Desulfated Heparin, Journal of Bioactive and Compatible Polymers, 11, 203-218 (1996).					
		BF	R.D. Hull, 171-174, (R.D. Hull, MD et al. Hirudin versus heparin and low-molecular-weight heparin: And the winner is J Lab Clin Med, 132, 171-174, (1998).					
		BG	P. Klemen (1998).	P. Klement et al. Hirudin causes more bleeding than heparin in a rabbit ear bleeding model, <i>J Lab Clin Med</i> 132, 181-185 (1998).					
		вн	B.G. Koefe Fragment	B.G. Koefoed et al. Effect of Fixed Minidose Warfarin, Conventional Dose Warfarin and Aspirin on INR and Prothrombin Fragment 1 + 2 in Patients with Atrial Fibrillation, <i>Thrombosis and Haemostasis</i> , 77, 845-848 (1997).					
		Bi	Y-k Lee, e	Y-k Lee, et al. Preparation of Slightly Hydrophobic Heparin Derivatives which Can Be Used for Solvent Casting in Polymeric Formulation, <i>Thrombosis Research</i> 92, 149-156 (1998).					
		ВЈ	Y-k Lee et	Y-k Lee et al. Oral Delivery of New Heparin Derivatives in Rats, Pharmaceutical Research, 17, 1-5 (2000).					
		вк	A. Leone-E	A. Leone-Bay et al. 4-[4[(2-Hydroxybenzoyl)amino]phenyl]butyric Acid as a Novel Oral Delivery Agent for Recombinant Human Growth Hormone, J. Med. Chem., 39, 2571-2578 (1996).					
		BL	A. Leone-E	A. Leone-Bay et al. The evolution of an oral heparin dosing solution, Drugs of the Future, 22, 885-891 (1997).					
		вм	A. Leone-E	A. Leone-Bay et al. Oral Delivery of Sodium Cromolyn: Preliminary Studies In Vivo and In Vitro, Pharmaceutical Research, 13, 222-226 (1996).					
		BN	A. Leone-E (1995).	A. Leone-Bay et al. N-Acylated α-Amino Acids as Novel Oral Delivery Agents for Proteins, J. Med. Chem., 38, 4263-4269					
		во	A. Leone-E Controlled	A. Leone-Bay et al. Acylated non-α-amino acids as novel agents for the oral delivery of heparin sodium, USP, Journal of Controlled Release, 50, 41-49 (1998).					
		ВР	A. Leone-E Chem., 41,	A. Leone-Bay et al. Synthesis and Evaluation of Compounds That Facilitate the Gastrointestinal Absorption of Heparin, J. Med. Chem., 41, 1163-1171 (1998).					
V		BQ	A. Leone-E Oral Delive	A. Leone-Bay et al. Microsphere Formation in a Series of Derivatized α-Amino Acids: Properties, Molecular Modeling, and Oral Delivery of Salmon Calcitonin, J. Med. Chem., 38, 4257-4262 (1995).					

EXAMINER	/Cachet Sellman/	DATE CONSIDERED	09/05/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTQ-1449	PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9983.A	SERIAL NO. 10/797,629	
LIST O	F PRI	OR AR	RT CITED BY APPLICANT	APPLICANT Youngro Byun et al.		
				FILING DATE March 9, 2004	GROUP	
OTHER P	RIOR	ART (I	including Author, Title, Volume an	nd/or Name of Publication, Relevan	t Pages and Date [as available])	
/C.S./	BR			teins efficiently penetrate cell membranes -		
	BS		G. E. Raskob, Msc. Low molecular weig (1995).	ht heparin, heparin, and warfarin, Current C	Ppinion in Hematology 2, 372-379	
	вт		G.J. Russell-Jones, Carrier-Mediated Tra 183 (E. Mathiowitz, ed. 1999)	G.J. Russell-Jones, Carrier-Mediated Transport, Oral Drug Delivery, in Encyclopedia of Controlled Drug Delivery, 1, 173-		
	BU		P. W. Swaan et al. Enhanced Transepithelial Transport of Peptides by Conjugation to Cholic Acid, <i>Bioconjugate Chem.</i> 8, 520-525 (1997).			
V	BV		L. Wallentin, Unstable coronary artery disease - need for long term antithrombotic treatment Aspirin alone is not sufficient, I would associate an anticoagulant, Cardiovascular Research, 33, 292-294 (1997).			
	вw		E. Windsor et al. Gastro-Intestinal Absorption of Heparin and Synthetic Heparinoids, Nature, 190, 263-264 (1961).			
				<u> </u>		

EXAMINER	/Cachet Sellman/	DATE CONSIDERED		
		09/05/2007		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.